

APPROVED	O. G. F. G.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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1 ggaaggagca ggaggcagcc caggcggagc gggaggagct ggcagcgggg cgcattgccag
61 gggggggtcc tcagggcgcc ccagccgcgc cgggcggcgg cggcgtgagc caccgcgcag
121 gcagcgggga ttgcttacca cctgcagcgt gctttcggag gggcgggctg gcacggaggc
181 cgggctacat gagaagctcg acagggcctg ggatcgggtt cctttcccca gcagtgggca
241 cactgttccg gttcccagga ggggtgtctg gcgaggagtc ccaccactcg gagtccaggg
301 ccagacagtg tggccttgac tcgagaggcc tcttggtccg gagccctgtt tccaagagtg
361 cagcagcccc tactgtgacc tctgtgagag gaacctcggc gcactttggg attcagctca
421 gaggtggcac cagattgcct gacaggctta gctggcgcgt tggccctggg agtgctgggt
481 ggcagcaaga gtttgacgcc atggatagtt ctgagaccct ggacgccagc tgggaggcag
541 cctgcagcga tggagcaagg cgtgtccggg cagcaggctc tctgccatca gcagagtga
601 gtagcaacag ctgcagccct ggctgtggcc ctgaggctcc cccaaccctt cctggctctc
661 acagtgcctt tacctcaagc tttagcttta ttggctctc gcttggctct gccggggaac
721 gtggagaagc agaaggctgc ccaccatcca gagaggctga gtccattgca cagagcccc
781 aggatgagg agccaaagct gccagcttgg acgggcctca cgaggaccgc cgatgtctct
841 ctcagccctt cagtctcttg gctacacggg tctctgcaga cttggcccag gccgcaagg
901 acagctccag gccagagcgt gacatgcatt cttaccaga catggaccct ggctcctcca
961 gttctctgga tccctcactg gctggctgtg gtggtgatgg gagcagcggc tcaggggatg
1021 cccactcttg ggacaccctg ctcaggaaat gggagccagt gctgcgggac tgctgctga
1081 gaaaccggag gcagatggag gtaatatcct taagattaaa acttcagaaa cttcaggaag
1141 atgcagttga gaatgatgat tatgataaag ctgagacggt acaacaaaga ttagaagacc
1201 tggaaacaaga gaaaatcagc ctgcactttc aacttccttc aaggcagcca gctcttagca
1261 gtttctctgg tcacctggca gcacaagtcc aggtctgcct gcgccgtggg gccactcagc
1321 aggccagcgg agatgacacc cacacccac tgagaatgga gccgaggctg ttggaaccca
1381 ctgctcagga cagcttgcac gtgtccatca cgagacgaga ctggcttctt caggaaaagc
1441 agcagctaca gaaagaaatc gaagctctcc aagcaaggat gtttgtgctg gaagccaaag
1501 atcaacagct gagaagggaa atagaggagc aagagcagca actccagtgg cagggtctgc
1561 acctgacccc actggtgggc cagctgtccc tgggtcagct gcaggaggtc agcaaggcct
1621 tgcaggacac cctggcctca gccggtcaga ttcccttcca tgcagagcca ccggaaacca
1681 taaggagcct ccaggaaaga ataaaaatccc tcaacttgct acttaaagaa atcactacta
1741 aggtgtgtat gagtgagaaa ttctgcagca ccctgaggaa gaaagttaac gatattgaaa
1801 cccaactacc agccttgctt gaagccaaaa tgcattgccat atcaggaaac catttctgga
1861 cggctaaaga cctcaccgag gagattagat cattaacatc agagagagaa gggctggagg
1921 gactcctcag caagctgttg gtgttgagtt ccaggaatgt caaaaagctg ggaagtgtta
1981 aagaagatta caacagactg agaagagaag tggagacca ggagactgcc tatgaaacaa
2041 gtgtgaagga aaatactatg aagtacatgg aaacacttaa gaataaactg tgcagctgca
2101 agtgtccact gcttgggaaa gtgtgggaa gtgacttggga agcttgcga ttgcttatcc
2161 agtgcttaca gctccaggaa gccaggggaa gcctgtctgt agaagatgag aggcagatgg
2221 atgacttaga gggagctgct cctcctatcc ccccaggct cactccgag gataaaagga
2281 agaccctttt gaaggtattg gaagaatgga agactcacct catccctct ctgactgtg
2341 ctggagggtga acagaaagag gaatcttaca tctttctgc agaacttga gaaaagtgtg
2401 aagacatagg caagaagcta ttgtacttgg aagatcaact tcacacagca atccacagtc
2461 atgatgaaga tctcattcag tctctcagga gggagctcca gatggtgaag gaaactctgc

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FIG. 1A

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
10/10/75		

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2521 aggccatgat cctgcagctc cagccagcaa aggaggcggg agaaagagaa gctgcagctt
2581 cctgcatgac agctgggtgc cacgaagcac aagcctgagg agtgacggga tgggggaggg
2641 aggtggggcca ccatgtttgg acccgggggg ctgctcttcc cccccccgcc atagctaaga
2701 tgccatgaatc aattacggag atacagagcc ttgagggtctt tcagtggaaa ggtgggttcat
2761 gttcattctc atcagtgtga aactgaggag tctgcaattt ggaatatgga gagagagact
2821 gatttgctga atttccttct aaatgtcact caaaaatttc ttttccatgt cattcttggg
2881 aatgtcttcc acaggatttg agaatatgtt catctcagcc cccattagag agaagtggg
2941 gtgaattctg gaaaaatgtc tctttttcct gtgccatttg ccttctgctg caacgaaaat
3001 atttctgat tcaagattct ataaaaagga aaccaagcat aagactctgt catcatacct
3061 gttacacgtt cctacagggtg cacaatctaa gagagctaata taacctcaga gtctggagtt
3121 aacagctttt caccttactt ctctgtgat ctaatattat cttagaaaaa ttaatatgca
3181 atttccaaaa gatatttttg taagacaaca acctcccagt gatatgccac ctttcaattt
3241 tccttttttg gcaatgattg catctgaaga aaggatccct gagagtctct gtttcatcag
3301 gacattctga aatttaccce cagtgaggct gtggatggat caggggacct gtataaaaatg
3361 tttgagcctg ttccattttc cctggaacc tgtttctctc aatgccaggc agtgcagcat
3421 ttaggaaagc agtgcagtac tcagtaaggc agtgcagtac tcagtaaac aatacagtac
3481 tcaggcagtg cagtactcag taagacagtg cagtgtcag taaggcagtg caatactcag
3541 taacagtgtg gtactcagta acagtgaagt actcagtaat acagtacagt attcagtaag
3601 gcagtgaagt actcagtaat acaatacagt actcagttag gcagtgcagt actcaggaat
3661 gcagcacagt actcaggcag tgcaatactc agtgcggtac tcagtaaac agtgcagtac
3721 tcagtaacag tgcagtactc agtaacagtg cagtactcag taaggcagtg cagtactcag
3781 taacacagtg cagtactcag taatacagta cagtactcag taaggcagta tggactcag
3841 taaagcaatg caatgctcag taacacagtg cagtgtctca taaggcagtg cagtgtctcag
3901 taaggcagtg aattgcttag taacacagtg tagtgctcag taggacagca tagtactcag
3961 taacacagtg cagctagtac tcagtactat aagtactgag tacttatata ggcaatgtag
4021 tactcagtaa atcagtgcag tactcagtaa tgcaagggca tttcaggctc ctgctgggct
4081 gcttcttttg cccagctggg actcctattg agacagctgc aaaacaggct gatttcaatt
4141 aggcagcact tcccaaagtg cactgaggaa ggtggcccca agagaagctc tctaaacaaa
4201 ggagtaccct ctctgggtcaa gtaccttttg taaatacacc ataccataat atctgcttgg
4261 agaaccacaa tgcacattag catattagtc tgagagagaa cttatagtaa ggaaactcac
4321 ttgattttat ctaacctcaa actttccaag tttaatggat cgtgaatttt tttcatgtaa
4381 ctctatttca tatcccatag atctagtatt gtacagcact gcattctctg aggaagtccc
4441 agtccaaact ctgattttaca tcactttaga aaccacactc acacttttgc agagtgttga
4501 gcttaataac tacctgccac agattggtaa atttaataca gtggttgttc tgtttgtgct
4561 tctgttctca tttatgtgtt tagggatagt gaggttctct ccttctactg gatccacgga
4621 tatgagacca tttttgtcat ttcctgaagt cacactggcg tttccagaag gcactctggtg
4681 ctttgtctcag ccttccatgc tgtgcagcac ttctgtctc agtcaaggag atggccatgc
4741 ttaagccagc aattggctgg ggtccaggaa acaaagcaaa agcacaatat gtgaatgtgc

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FIG. 1B

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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4801 tgattgtgtt ccctatggct ttatctcgag caaaatacac tctacatatt ttaataataa
4861 gtataattag cttgttcctg gacttcattt tcaatgatga accaaattcc tgaattatth
4921 ataatttgtt ctaaagaaaa ttatgaactg gtcacatggc acttggaatc cttgagttaa
4981 ttccagtga gcaaaacttg ggaagagtca ggattggcca cattgccaat aacaaattcc
5041 tacttcgaca tatgtctttt caaaaagcct cccagacaca agacatctta accgtcacta
5101 gccaagtgt tttgtattac tcagacacca tcatgaaata attctgtgag gtcatgatgt
5161 atttgaaaat tctgcaagtt aataactgcc ttgaattgtt tgaacccgaa ataagggttc
5221 tttggtacct ctagtagata gtgtgttcat ttccctgctg caaattttga agtatttggg
5281 cagggtgagtc atgttttaac cacaagccat aactcatctg ttgtctttgc ttggtcttag
5341 agtatcattc agaaaagtccg ctaagggccca gcgtgcttct tctggctaca caaccttctc
5401 aggacaagcc cactgtctta agccactttg accctgggag acacaggact gtgtatcctc
5461 aatcatacta tacagcagtt tttgtcaggg gaacataaaa atatccaaga gagggttaggg
5521 cttagatttta aaagcatcaa aacaacaaca atggaaaattt atggttgcca tagccaagac
5581 cacaagcaaa agcacatact ggaaatgatg agttagaatc tgatttgact gggatgtttt
5641 atgagaatgt aagtgtgata ttatactgtc tgccttgctg gaatgctggc tttcaaatgg
5701 tcacccattt ttctttcact ggctgagtt aggacatgct atcagtaata gtcccagttc
5761 catccaactt tctgaaaattt catttttttt tttgagatgg agtctctctc tgtcacccaa
5821 gttggagtgc agtggccccg caatctcggc tcaactgcaac ctctacctcc cagggtcaag
5881 ctattctact gcctcagcct cccaagtagc tgggggttaca ggcatttgcc accgggcccc
5941 gatgattttt gtatttttag tagagacagg gcttcacat gttggctagg aggggtctcaa
6001 actcctgacc tcaggcgatc cccccccacc tcggcttccc aaagtgctga gattacaggt
6061 gtgagccacc gcacccggcc aactttctga aatttcaaaa ctgaattgat ccttctccaa
6121 attagtatat actattggaa acttgtcttt cctgcagta aggctgggtt cccacccca
6181 gaaacatgta acggttggtta ccatgctaag ccttgccat gctaagccct ttacagtcat
6241 atcctataat ccccatatca accttataag gaagggtgtt gtagatgatg caactgagcc
6301 ttaagaggac taattccctt tttctaaggc acagagctgg taaaatgtga agtaatagtg
6361 aacctaacag tcagagacag gcagcatgct cttactagt gctcttccca aagttccttt
6421 aatgtccttt tgagattttg agccatggaa cttacttgtt cacctggcta agaactcatg
6481 gccactgtgg aaatcttggg tagggagtca aagaaaactga gcctggggcca aacgaggtt
6541 cccacactgc caggggagcc tcaactgtga gtctaggctc agacaggcat caacaaacct
6601 attcacccca ccatcatcct gatctaacca ttccccagtc atcccaggaa aaccactcac
6661 agcctgacac tgggctgact ttcttgaaga tctcatcca attggtgttt ttcagaagtg
6721 ttccaatatt atgaattctg tgttgtggag aaaagcaacc atgcatttac tgggtcaatgc
6781 cttcttgtat atgtaattca atacttttac ttttaatatc ctcaccttat ctaatctttg
6841 aattttgtca tgtaatttat tgcttcatta aggttacttt ttgttataca aaataaaagc
6901 tgatatccaa ggcaaaaaaa aaaaaaaaaa

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FIG. 1C

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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1 mppgggpggap aaaggggvsh ragsrdclpp aacfrrrrrla rrpgymsrst gpgigflspa  
 61 vgtlfrfpgg vsgeeshhse srarqcglds rgllvrspvs ksaaaptvts vrgtsahfgi  
 121 qlrggtrlpd rlswwpcgpgs agwqqefaaam dssetldasw eaacsdgarr vraagslpsa  
 181 elssnscspg cgpevpptpp gshsaftssf sfirlslgsa gergeaegcp psreaeshcq  
 241 spqemgakaa sldgphedpr clsqpfsls trvsadlaqa arnssrperd mhsldpmdpg  
 301 sssslpsla gcggdgssgs gdahswdtll rkweplvrdc llrnrrqmev islrklqlkl  
 361 qedavenddy dkaetlqgrl edleqekisl hfqlpsrqp lssflghlaa qvqaalrrga  
 421 tqgasgddth tplrmeprll eptaqdsihv sitrrdwllq ekqqlqkeie alqarmfyle  
 481 akdgqlrrei eegegqlgwq gcdltplvgq lslgqlqevs kalqdtlasa gqipfhaepp  
 541 etirslqeri kslnlslkei ttkvcmsekf cstlrkkvnd ietqlpalle akmhaisgnh  
 601 fwtakdltee irsltsereg legllskllv lssrnvkklg svkedyrnrlr revehgetay  
 661 etsvkentmk ymetlknklc sckcpillgv weadleacrl liqclqlqea rgsllsveder  
 721 qmddlegaap pipprlhse krktplkvle ewkthlipsl hcaggeqkee syilsaelge  
 781 kcedigkll yledqlhtai hshdedliqs lrrelqmvke tlqamilqlq pakeagerea  
 841 aascmtagvh eaqa

FIG. 2

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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1  ttgtggaaag gatggatggg tgggtggatg gatggatgga tggatggctg gatggatgga
61 tagaaatgca acttcaagat ctggttctac agtattacat atgaagcaac tgagactcag
121 ataaaaattca gtgagttgct gaagactatt cactcattga gcttcacatt ctgatgctat
181 atatatcagg tgctatgcag atgattaggg aagggcagga ctgagattaa actgacaccc
241 cctacatcct aatccaggct ttttccactg tatggcgatg cctcccaaaa gaattatcac
301 agcgacttaa taaaggaggg agaaaagttag ttgcaaattt caagcttaga aattcacagg
361 caaaaaatggc tgaagggaaa taatcacact aatagtgatg caaggatgta actggaaagg
421 aaaaaatgga gagaaattaa aaacacaaaac agatttagtc agggctctga taaagtgata
481 atgtaatcaa taaggcaaat caaagataaa tgattagaga tttaaaactt cagcctatca
541 gaaaaacctg agggaaaaga ttttgaattt tttttatttc ttccaaaaga tcttatttga
601 catatttttt taaatctaaa tgaccaaaaga tttcgaattt ggaaaggcag acacatatct
661 atttcccata taaacatcta catttcttgc cacatagcac cgcaacactc atctgggtcc
721 aaagcagacg gcttggccct ctgttatcaa gagcactatc accgttctgg cccggagagc
781 taagttttct tatacatagg tcgtagccaa agctcagagg aaagaagtga catttgggtga
841 gtgtacagga tatgttctcc agccactttt taggtgctaa gttacatctt gaaataatgt
901 cagaaattgg aagatgccgt atttaaactt cactagccca agcctaatt cacctcgaca
961 gtttaatatc ttaatgtttc ttaaaaattg aggactctta gaatgacccc tttaaaaatc
1021 tgctgaaaaa ctggatcttt ttgtgggaaa aactgtccat acctacatat ctaaaatgtg
1081 tatgtgggtt cagtctctcc tgtgcacagt cctcctgct ttgaagggat ccccaacatg
1141 tttttttcct agaggtagtt ggtcacaacc atcggataac atgcttatca cctgggtgat
1201 aaaatattct ggacaccaa ccccgatgac atgcaattta cctatataaa gaacctgcac
1261 atgtattcct gaacctaaaa taaaaagtgt taaaaataa taatacaagt aaaagagctt
1321 tctgcatgtg ttataaatct gttcaggagg actttccact atgctttcaa gagaagtgtc
1381 ttgaagaatt tagcatcact ctgaattccc aaaaagctct gtgcttttca aggtgctttt
1441 gaggaagaag gatgatgctt caactgtctt ctttgctgtg acttctagga agttcattat
1501 cacatcatat tctcaaccaa ataattaaca cttgacattg gcattttctt ctgtctttgt
1561 ttttaaattt tattgttgtt tgctaatttt attgttttta tctttgttgt atgtattgtc
1621 ccggtctctc atttctctcc tctcctgcc aataaaaagag acccatagat tttattcttt
1681 tgttctactt tttcatcaat gtttcttcta catatatctg acatatatgg aaaaaagaat
1741 tactgcctat atatgcagaa cttgtaactc acaggatttc taaactaaaa gacttttctt
1801 aatagggtgtg aagtgaaatt ctgcaagtag ctgcatctgg gaacttcaga gttaaaccga
1861 tatctcagta taatctgtca ctgctatagt ttcttttctt tgacctccaa accttatgtt
1921 gaaatttgac cccaatgtt gaaggtagag cctaattggga ggtgtctggg tctgggggca
1981 gatccctcaa gaatagcttg gtcatcaatg agtgagttct cactctaata gtttctggga
2041 gagctgggtg ttaaaaagag tgtgtcatgt cccttctctc tctttttgct tctctctca
2101 ccagtgatct gcctaggcca gctccccttc atcttctgcc atgagtggaa gcagcctgag
2161 gccctacca gaagcagatg ttggcactat gcttcttaga cagcctgcaa aactgtgagc
2221 caaagaattc ctttttcttt ataaatgacc cagcctcagg tattctctta tagcaacgca
2281 gatggactaa gacactcatg cttcctttca ttagctattt caagctcaaa aattgtgaga
2341 ctgtgccaaag aattagggca ggtcttctg attgagaact tacaactttt ctatctaaag

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FIG. 3A

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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2401 caaaaggtcc taatcccaaa ccataattgg aaaggtgcct ctactccaac ctcattgccc
2461 ttcaactgcc cttctctgc ctccattcc cctcttactc accgaaagac aaatgagttt
2521 aggctgggca cagttagcca tegtctcag aaaaacaaaa tcttgctgct tggattctc
2581 acttagaate cttcactta gcttatggat caccctacac agattcctga cagctcactg
2641 ggccatggaa ccagccagat ttttgagcta catctgcagt atcttttcta ctcaggcagc
2701 tggcataagg tgggaaaatt cattaacatg ctaatgatgt cctattttaa attctagtcc
2761 tgattattct gtgattaaat ctctccctt gacgtcggtt tcctttatag ctgagttaca
2821 gtgcgaaatc aacaatatta ataaagtaca atacagatta ccaatttata cacaagggat
2881 ggtgaaaaac tgctgcgtaa atctgagggc tgccttttta acttgaaaag cagttgtagg
2941 ccgggcgcgg tggtcacgc ttgtaattcc agcactttgg gaggcctaag caggtggatc
3001 acctgaggtc aggagtttga gaccagctg gccaacatgg tgaaaccccg tcactactaa
3061 aaaaatataa aaattagctg gcctataatc ccagctacct gggaggctga ggcaggagaa
3121 tcgcttgaac ctgggagacg gaggttgcat tgagcagagt tcgcgccatt acacttcagg
3181 ctggttgcaa gaagcaaaac ttttgtctca aaaagagaat gtaaaagcag atgtagcaaa
3241 cttgtaaaag ttgctgattt ttttcattcc gcccttcttt aaataaacac acacattgga
3301 atccacaata attaaatggt tatagttaat ttccataaat attcaaggct tggaaagatg
3361 atttagcttt tcattctatt tcactgcact taacattgct ccgaattcaa atgtgttatc
3421 ctgaagtctc aagaacagct gacaggagtt aaagcacact tgtttatcat ctctttatag
3481 agattgtgtc ttggcaacaa aagccaatgg attcggatg gatgtctgtc tccctttgcc
3541 cttgagtacc ttggcatatt tcagttcctt ttctatcacc gtattgttct attactgaca
3601 ctccaaactg aatatccaac tcagacaact caagcacctt ccaagaaaga caaacttatc
3661 actacctca ttaatttggg aaatgaataa agaagcagaa gattcaaggc ccagatctgc
3721 aatctaaaat gcaggaagag aggatcatt catgtgtcat tttaacatct ggccccagta
3781 aatgaacaaa tattgatggt atagtatatt tactatttta aaagacatca tgcctggacac
3841 caaagcagta cagtgaacc taagaacaat gttctgacct cgggtggactc acaatctagc
3901 cagagacaca agatacaatg atatttttaag tgatgcatgc agcaaattca tctcaggtgc
3961 atcattagag atacacttca catcattaaa aggtctctgt acgagagaca ctgctaattg
4021 ttccctaaga ctgcaaactc ccccttttgc tatggaaaca gaattcatca ctttagtggg
4081 gcacattgct gccagggtg aggacagctc ccagccctc ttgcaagtag ctgttaccat
4141 ataacaaggt taaggtcaca gggatgtggc cgtagcagag atgtgtgcag atttctaaaa
4201 gcgtacttaa aggggataga tgagctctct tccttcttg tttttttct gactggactt
4261 ggacatgcat gtggctgggt cagccaggtt ggactgaatg gcacatgttg tggggcagag
4321 aagaacaaga tagaagagtc tgggttctg acaagcaggg tggcttgatc atccatgagt
4381 tgcctttttc ccctgaacgc tgcattccac aactattgtt ggaaatcaaa atcttttttt
4441 aagaatacta catattgtct atttcttaaa tggtttcatt ctctaaggct aaaaagagtc
4501 atggtacatg catgcatatg tgtatgtgca taagtacact ctcttttgta ctttctctac
4561 attttaaactt gaacacagag ctccctctga atttttaacc ctcaaaacac aaaaaagct
4621 gaatatggac tttgccccag ttttatcaca ttttaataaa taaaagcttc aatgtattca
4681 ggaattcatt atttatttgt ttcccacact ctcaacccta gattattaat ttggttcacc
4741 taaagccaac tcacctcaaa ttggttaaaa aaaattaagc acgtgtaaat caatgtatag

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FIG. 3B

APPROVED	TO CLERK	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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4801 ggaaaggggtg gctgatccag caaaatccaa gtgtaaaaac ataaagagag gcttcacaac
4861 agtaatgagc catctgcaat ttagaatcat ccatggtaac aatctctcat tccatttgtt
4921 tatgttttat tcatcattgt gaaaatactt agtgaagtga caatgatgag attcaaaaat
4981 actgcatggg tcttttttta aaaaggatat taatggcttt cagggactca actattcaaa
5041 tgaaaatatt gctggactaa atttgtctaa atttgttcac ttcctcttca ttcttggata
5101 taatatattc ttcatTTTTat gacaaaaaac tatgtgggtga aaacatgaga aattccgtag
5161 tttccatcgt ttatacattt aaaaaatcaa tagcagaaac ctatttcaaa tgtacaatcc
5221 tcattccctat catgacagag taaaccaggc tgggtgagcg tgttgcattt
5281 ccctagtact acagttattt agcctcaaac gtactgtctc tagttacata tatggcaaaa
5341 acaaggcttg acctttaaga atgaaaagaa aaaaagataa gtactgagct gttaagccaa
5401 cttaagggta ttcatTTTaa agaagacaga ataactactg aacatactct ttgattctaa
5461 tatctctatg aagaaacctc tctctacaca aattgataga catTTTaaaa gaaaatttat
5521 tcatcccaaa ttgatgcact taacttcagc tagctgattt tatatttctc aatctagctt
5581 ataaatacta ctcttcatTT acttcaattt acggagtatt tacaaaagcc ctatttcaaa
5641 tctggttcct atcagccccc ttttttctta tttcttctta aataagcata ctttgtaaaa
5701 tatagccatt tattcatata tatatttctt tcatTTgttt tagtaaatga catttattta
5761 ggaaccattt ttttaagaaat aagtttttac catctcaatt tgcactgaac cagcgtcttc
5821 tgagaccatc cctctgggtg caaatctcag agtaagctca gttactctta acgactggaa
5881 aaggaaagaa cacaggaaca cttgaactcc tctgacaagc agacactttg gctaaggcgg
5941 cattcacatc ttctacatca tcttctctgg ggaaagaagc tctcagaaaa gtccacacat
6001 agaagagcca ctttatgggtc ttcctctaat tttctcagat cagcctgatt tagcttatga
6061 ttgtgcasac aagggagacgg agccaaggga caaaaggaag ataattgtca cacaagaaa
6121 atgtcacaaga ctttgccaag ggagagactg ctctaaataa taacaaggct attagcaaac
6181 acaggttgag acaggggaaca gaaaaagaaa agatgtowca tgtgaatatg aaaacaaaag
6241 ctgacaagtw attccattca gtttgccaag gcacctgcca aaaatgtccc caagggaaaa
6301 gggccatgtg ctccatgacg ctcttcacag tgaacgttca catwaaggca cagaacattc
6361 tgcctggcca caaaacacaa caaatatcat caatatcttg ccggggtaac agttgtgcac
6421 tacctaccat aggcagtctc ctgggtgctcc acttctcttc tcagtctgtt gtaatcttct
6481 ttaacacttc ccagcttttt gacattcctg gaactcaaca ccaacagctt gotgaggagt
6541 cctccagcc cttctctctc tgatgttaat gatctaactc cctcggtgag gtcttttagcc
6601 gtccagaaat ggtttcctac agcacgttgt gggagagaag aagggaaaaac aagctttaca
6661 gcatccacac acatggaaga tctagcagca gctaattgtac attcacagca tgggcaaaga
6721 aactgcactt tgagattatg twcaatttcc ttagcagtc cctggggaaa gaacctggaa
6781 aaatattgct ccccttaaac tggaaaaaat accgtctttt ttatcacctt attcttgta
6841 tgtccatttt aggagttcca ttggtgaagc catctcccg aaagtatgat gacccaaaaa
6901 tgtcccagtg gaatccagag aaaccacaat gtgtcactcc attccaataa tatacaaatg
6961 tcaaagagat gacatattat agcagtgtgg aaggggactg ggccatataa tcagagttga
7021 cctaaattaa attcctcccc tgttactcaa attgtgtgac ctggagcaag aaaattagca
7081 catctggggc aaatttctta taaaatataa ttgcaataac acctgactca taggtagtta
7141 caagaataaa caagaaattc tgtaaagcac tgagaaaaat atatgataaa ttaaatgtag

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FIG. 3C

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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7201 caagattgca ggatacaagg tcaatgtaca aacatcaatc ttatgtotaa ataacaaaaa
7261 actagaagat gatttttttaa aaaatacaat ttacaaaata ttttaaactc cataatactg
7321 agggatactt tcttttaaata tgtgccagag ctctacagtg aaaactatct ttccaaaact
7381 gctgaaacaa attaaagaca aataatttaa aagatacact gtatacatac actggaagtt
7441 caatattggt aagattttcaa ttttccccac attgattcat tgatttaata taattccaat
7501 caaaatgtta tgagggttctt ttgtagaaat ttatgtgctt attctaaaac gtctaaaagt
7561 gagctgggca tgggtggctc acacctgtaa tcccagcatt ttgggaggcc gaggtggtgg
7621 gtcccttgag gtcagggtgtt caagaccagc ctggccaaca tggcgaaacc ctatctttac
7681 taaaaatata aaaattaatc tggcacagtg gtaagcacct gtaatcccag ctactcaaga
7741 ggctgaggca ggagaatcac ttaaaccacg gaggtgtagg ttgcagcgag ctgagatcct
7801 gccactgcac tccagcttga gcaacagagt gagacttcat atctaaacaa ataaaatcta
7861 gaagaatgag cccatgagtt tgaggctgta gtgcactatg attgcacttt tgaacaggca
7921 ctacactctt gtctgggcaa catagcaagt cccacctca aagaaggaga gggagaaaga
7981 agaagaagga ggaggaggag gtgaaagagg gagggaggga aggaaggaga agacgaagaa
8041 gaatgaagaa gaataggaag aaagaagaag aaggaagagg aggaggagga tgacccaaam
8101 caatccttaa aaagtgagtc ttggtttcaa gactaatgct aaagccacta taaatcaagg
8161 taatatggca ttgaatatac atagacaaac agatcgatgg aatagaataa acagtcaggg
8221 agtggattaa cacatataca gccaaccaaa gtgccaaagc aagtcaatga ggaaaagaaa
8281 gtattttcaa taaatggtgc tggacaact agctatctac atggaaaaaa tattaacctt
8341 gattcatacc tcaaacaca caaaaattta attaaagggt gatcacaggc ctacatgtaa
8401 aagttaaaac tataaagctt ctacaaaaaa aaaatgaata tttgattgac tttggagtag
8461 gcaagaactt cagataagat acagaaaaca ctattttaaa aaggataaat gggctttatc
8521 aaaattaaaa acttctcatc aaaagacaca actaaaaaat gagacgaca gtcacagact
8581 tggagaaaat cattgcatta tgtttaactg acaaggaatt gaatactaca acttgacaat
8641 taaaacacaa atggtgccat tgaaaaatgg tcaaatgact taacaggcat tttacaaagt
8701 agacgcacaa atggctaata agcatatgaa aaaacatttg acatcattaa tcattaagaa
8761 aagaaaaatt aaaaccataa atattccact acaagcccac tcaaagtgtt caaattaact
8821 caactaaaaa tgtcaacatt cacaagggtg tggagcaact ggaactctca cgcagtataa
8881 atggtccctt caagaaaagt tctgccagtt tctcataaag ttcaatgtat acctaccctt
8941 taatccaaca attctacttc caggcattta caaaaagaa atgaaaacat gtcataaaaa
9001 atatttgcac tcaataaaat ggtcacagtg tcttatgcct gagagccagc cccatactgg
9061 aagcaacctc aatatccatc agcaggaaga tgcaaaaaata atactatagc tatgcaatga
9121 aagactactc agcaataaaa agaaacaaac tcgtcataca tgcagcaaca tgtatgtgtc
9181 tttttctttc tttctttttt tttttttttg agacagagtt ttgttcttgt tgcccaggct
9241 ggagtgcagt ggtacgatct cagctcactg caacctccac cttccagttt gaaactattc
9301 tctgcctca gcctcccaag tagctaggat tacaagtgcc caccaccagc cccagttaat
9361 ttttgtattt tttagtagag cgggggtttc accatgttgg ccagactgtt ctcaaactcc
9421 tgacctygtg atccaccac ctcagccttc caaagtgtg ggattacagg cgtgagccac
9481 cgcgccagc caacatgtac atgtctttag aaaagatgca aaagagtagt gccacatgat
9541 tccattaagt tctagaacag ccaaaattaa tccatggtag aagatatcag aacagaggag

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FIG. 3D



APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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9601 ggacgatgat gactgggaca agataggggtg ttgtttcttg agtgatgaga ctgttctatc
9661 tcttggtagg gctgttcgta acacagggtgt caaaattcaa gaactgtaaa cacttaagac
9721 ctgtgcattc cactgaatat aaaccatacc tcaattaaaa agaggaaaaa ttaagaaatt
9781 tttaagcatg aacattgaac aataaataaa tatataacat taatgagtgt cccataaatt
9841 agtttagtgt aattagaaaa cccactgtg ttttctcaga atttatagta accataatca
9901 caataatagc tacaaacttt ctacacctta aatgtcatca caactttagg aaacagggtta
9961 tatcttatat tattattatt attattatta ttattattat tattatttta cattttaaca
10021 tctctgaaac agggatgtgt cctacaatca ccatcagcca ggaagtggtc aggatgcagt
10081 gggtataact ggattatttt cctgggctg gctgaccatc tgcaaccccc tgggtgttca
10141 atgtacaaac tatttttagga ccatctgcgt actggctgtt gctgaaaaat cttgtgttga
10201 tgtggatttg taagactggg aaagcaccag cattcaaaac ttgaagaaag gtgttagcag
10261 tttggcagac aatcctacag aaaactcttt attcttgggg gagaaaaagt tgccctccat
10321 caacttcaat ggttcacagg atgatgacgt gtggggaaac acaaacctcg acaacattga
10381 gtccaaatgt gtttcggaag actcagaatg aagaagaaga tgccaaggaa aaccttaacc
10441 aatttatttt cctttttaat gagtगतatg tgatttttca aaagcctaaa tacatctaaa
10501 agagctatat cagttaagta taagataaaa attctaaacc atagaaagca ctgttactgc
10561 ttaattgaca gcaatttttc tttctttgca atgtataaaa taatgggtgc tttttatgtt
10621 cactgaaatt catattgttg tctcctttta cagctgggaa agcggaaatc tggagaacta
10681 aaatatcttg ctgaagatca caatgcagta aagcataggg caagtttcca actcgaacat
10741 caccacagaa cacttccttt taaacataaa ttatgttgct aactttttta ttgttactta
10801 gcaggcagat ttcaaactga tacaaatggt gaaaatgata caaaatgttt tcccacctta
10861 aaggcattct gaaacctagc acataacatc tgtcactgaa gtccatagtt tccaatgccca
10921 tgattggata aagaccctat tgagactcat gtgtttgtct ctactgctt aaaacactca
10981 tgtgttttaa gcaacatgac aagcacaaaa gagaacaagt actgctcctg ctctccagga
11041 agttaccata aaataaaggg gataagggtc cttccaaaga aaaaccaaact actaggagag
11101 gtcagaggag aagagagatt attccagaag gagagactga ggcagatttc aggagggaag
11161 aatataagag tcccaaaaga agaaacagga acccaggtta gagagcaatg ggcaaggggt
11221 aggaggtgag actaaactca caaggaaagt gcttcaaaac aatagtgcct caaatgccaa
11281 gctgatgggt tggaccatt taggaaaaac ccacaaagt cccaggagag cagactgcac
11341 ttccatgagc ttcaagctgt aaacagtaac ctcaaataaa actttttccc gatcggtaat
11401 ttccatcctg aacaatggcc aagtcaagga agctgaggat cgagccccct accgcatgcc
11461 acaaagaacc tcaagggacc ccatgctctg gggagctcgc agggaggacca gcacagaggt
11521 gtgactgcgt tggggcaggg tggccacatg tacaatgttg taccttccaa tgttcctcct
11581 taggctgtgc ttatgaagtc ccaacatgct ttctgggctg tgttttcaac caagagagtt
11641 aataaaaagt gggatgggca ccaactatgc ctccagagac atcaggcaga atatgccaca
11701 gcgtgccatg tctcctgca aacagtcaga aagaaaagat ctctaaaagc aaattggaag
11761 agactatata tacagagcga gtgccggtac agaagttttg ctgcaaatac accctctaata
11821 ccttgcaac ccactgcaag ctcgagagac cagtgcctt ggtaaaacac aggagagatc
11881 attaattaaa gcctaggccc tttctttgat cctgagggat aaggcttggg aaaatgcaca
11941 gtgataaaag tgaacatttt aaaagagcag agtgagtgtg aattcccaaa gagaccattc

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FIG. 3E

12001 atatcaagac ccaagccatg agaaaatgct acaatgccct tgattaatac tttangaggg  
12061 attttgacct cagatctaata cccatgaggg ttagaccaag accttgcttg atgcagacct  
12121 ctctgactgc tgaaattggc caggagctca gtgatgaaaa tttggaaagt caatgctgat  
12181 acctgaagaa agtcccatca gagatctgtg acctgaatct tcataacttt cacaggccct  
12241 ttctaaatgc caaggaggat gtgtgtggag aagaatatgc cacctatggc atcccaatat  
12301 gcctgtgccc gcctgtctct caacaaggga atgaaacctg ggtattctca taggtttttt  
12361 aaagcacttg tccacataatt ttattccgca aataacacaa tttaaaattc agctagaatt  
12421 tgccattttc tgtcagggtt gtgcatttct tccagtcacc atgacttctt gagatagcca  
12481 aaacacaaaa tttaaattgt gtttaaatta aataaacaca atttatgctg aagctgactt  
12541 taccactct gttccaacat tacttattct cagcatctct gaattcaa atcagccagg  
12601 tgtgtgtggc cataacctga agcccagcac tttggcaagc caagatggga aggttgcttg  
12661 aggagtggga gaccagcctg ggcaacatag caagaccccc atctctacaa aaaaattaaa  
12721 aaattagcca ggcattgggt tatgcacctt tagtcctagc tacttgggag gctgagggtg  
12781 gaagatcact tgagccgagg agcttgaggt ggcagtgagt catgatcata cactgcact  
12841 gtagcctgag caacagagca agaccccatc ccttaaaaaa aatacctgcc ctctgtactt  
12901 catagcacct ggggcatttt gaacagttct tcttcacct gaggtcatta tttgagaatc  
12961 caattttaga gactacaatg ctctcattac ttggattgta tcatttaatc ttcccaacaa  
13021 tccaggaagg ggagtctctt aatgattgtc cttgatttcc agttaaaaaa tctagacca  
13081 gaggtaacct tgtgaaggtc acagagtttc agagttctaa gatcccatgc ggagattggt  
13141 gaacttgaac ttgtttcttc tgatctcatg tcaataagtg acttagtcaa cacctgggta  
13201 gaaatcatca ctaaaagtga aaagcacatg gtgaggggga tgaatcctgt gccacatgg  
13261 tccctttcac ctgcccacac ctcaggcctc tcacctgggg taccctcac acacatggca  
13321 ctttctgaa ctcatggaca tttcagtttg taacgatcct cctaagatta tctactttca  
13381 cctatccaca tttgaactat acttctttag tggaaaaaaa gaaataaagc cagtgtctgag  
13441 aatgatcaaa ctccagaaat agtagactgc tgtataattt gtcttgctg acaccagatc  
13501 tttcaaggaa ctgcaagctc aagtgcacag ttaagcaaga tcaagatcta cctttgtctt  
13561 tcagagcctt cccttggcga ggtcaaggat atctgctgtg agcctgggct ggctgaacca  
13621 aagggaatg gaggcggcca agaagcccca gccactgct cccctcccca accccttct  
13681 ccctggaggt cccttcagct agaatttgc attttctgtc agggttgtgc atttcttcca  
13741 gtcaccatga ctctctgaga tagccaaaag catttgctgt gagcagagcc ccatggctgg  
13801 ctttgacat caaacatttc agacagccat atatttcata gaatacaagg ggaagataac  
13861 actggacca cagaactttc caacagcttg agaaaatgtg gtgcctgggt actgactaaa  
13921 tataaatcg gacaacagcc aggccatagc aaaagatgga actctgatcc acaagggtgca  
13981 gcaactttcc cagaaaaaaa tacccttacc cacaaaaagc aaccccgga gctggcctgc  
14041 tctaaatcag acctgctgga agccaaattg ctctctagta actatccagg aagctaaata  
14101 ataacttctg taacaattga ctcaaatgt tcaggactgg attaataact gatggcttcc  
14161 ctaatttttg tccccgattc caacttagga cccaccagag aaagccaaat atggctccct  
14221 gaccaagcac acaggatgtt cgtctctagt gagccgcctc cagcttcccc gcattgataa  
14281 cctccaatca gggcacacct gaagccttcg cctttttcca ctataaagct ctccactcg  
14341 tctgccacc tttgagtctc tgccaaattg caaatgatgg tgtctgactc ccttgctgta

FIG. 3F

APPROVED	DATE
BY	CLASS
DETAILS	SUBCLASS

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14401 gcaagctctg cataatagct tgtgcttatt ctctttgggt aggtcttcat ttcttttcac  
14461 accagatagg catcatcttt gaaaacatct ttactgggtc tcttgtctcc ctctgcagc  
14521 cactgatcta aatcacagac ttttttagaa agagggaaaa tagtaaagaa agaaagcgat  
14581 tgagttgatg ctcccagcca ctgtctgtac cctgaatttt gtttttctgc catatgtcag  
14641 gtggcctctc ctggaccatc gtcactgttt ctctgcttc cctgcagctg cagacacagg  
14701 agcactgtgt aggtctggcc ttgagcacc cccacccag tacagagcca gccctgtctg  
14761 ttctgaatca gtgcagtgc cacttagaac acagtgccca tgctctgtg atctgaactg  
14821 ctctttccag ttccatacaa tgtaagaac ccacttaaga atgttttaac cattcagtag  
14881 tttttcgtgg tatataataa aaaagtgatt taaatacaat ctattttatt ttagattata  
14941 tcattagggg ttattttaca aagttacctt taaatactat tgtaaataaa attaataaca  
15001 aa

FIG. 3G